



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)



**CONFIRMATION NO. 8128**

## Bib Data Sheet

SERIAL NUMBER 10/563,087	FILING OR 371(c) DATE 12/30/2005 RULE	CLASS 117	GROUP ART UNIT 1722	ATTORNEY DOCKET NO. 1303.45694X00
-----------------------------	--	--------------	------------------------	---

**APPLICANTS**

Keiji Sumiya, Ibaraki, JAPAN;  
Nachimuthu Senguttuvan, Ibaraki, JAPAN;  
Hiroyuki Ishibashi, Ibaraki, JAPAN;

**\*\* CONTINUING DATA \*\*\*\*\***

This application is a 371 of PCT/JP04/08624 06/18/2004

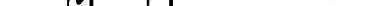
**\*\* FOREIGN APPLICATIONS \*\*\*\*\***

JAPAN 2003-270771 07/03/2003  
JAPAN 2003-270773 07/03/2003  
JAPAN 2003-270774 07/03/2003  
JAPAN 2003-270778 07/03/2003  
JAPAN 2003-284047 07/31/2003  
JAPAN 2003-336015 09/26/2003

5mm

**IF REQUIRED, FOREIGN FILING LICENSE GRANTED**

\*\* 04/15/2006

Foreign Priority claimed	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY JAPAN	SHEETS DRAWING 9	TOTAL CLAIMS 23	INDEPENDENT CLAIMS 6
35 USC 119 (a-d) conditions met	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	 Snn Examiner's Signature Initials				

**ADDRESS**

20457

**TITLE**

## Crucible and method of growing single crystal by using crucible

<b>FILING FEE RECEIVED</b> <b>1650</b>	<p>FEES: Authority has been given in Paper            No. _____ to charge/credit DEPOSIT ACCOUNT            No. _____ for following:</p>	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
---	--	---